



Please type a plus sign (+) inside this box [ ]

Patent and Trademark Office: U.S. Department of Commerce

0001/PTO Rev. 10/95	U.S. Department of Commerce Patent and Trademark Office	Application Number 10/614,962
<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Filing Date July 8, 2003
Total Number of pages in this Submission 10+		First Named Inventor Vernon D. Karman et al.
		Group Art Unit 3721
		Examiner Name Eugene Lee Kim
		Attorney Docket Number 4767-00016

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment/Response <input type="checkbox"/> After final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement/PTO-1449  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ <input type="checkbox"/> Incomplete Application  <input type="checkbox"/> Response to Missing Parts Under 37 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication To Technology Group  <input type="checkbox"/> Appeal Communication to Board Of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input type="checkbox"/> Other Enclosure(s) (please identify below)  <input checked="" type="checkbox"/> RETURN RECEIPT POSTCARD  <input type="checkbox"/> _____
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm Or Individual Name	Michael E. Taken (Reg. No. 28,120) ANDRUS, SCEALES, STARKE & SAWALL, LLP 100 East Wisconsin Avenue, Suite 1100, Milwaukee, WI 53202
Signature	<i>Michael E. Taken</i>
Date	9/3/04

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Mail Stop: Amendment-Fee, P.O. Box 1450, Alexandria, VA 22313-1450 on the <u>3rd</u> day of September, 2004.	
Typed or printed name	Jo Ann Kuczynski
Signature	<i>Jo Ann Kuczynski</i>
	Date 9-3-04



Approved for use through 10/31/2002

Patent and Trademark Office: U.S. Department of Commerce

PTO/SB/17 (8/96)		COMPLETE IF KNOWN																																																																																																																																																																																																																											
		Application Number		10/614,962																																																																																																																																																																																																																									
		Filing Date		July 8, 2003																																																																																																																																																																																																																									
		First Named Inventor		Vernon D. Karman et al.																																																																																																																																																																																																																									
		Group Art Unit		3721																																																																																																																																																																																																																									
		Examiner Name		Eugene Lee Kim																																																																																																																																																																																																																									
Total Amount of Payment (\$ 688.00)		Attorney Docket Number		4767-00016																																																																																																																																																																																																																									
METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																																																																											
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:		<table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <th>Fee Code</th> <th>Fee Code</th> <th>Fee Code</th> <th>Fee Description</th> <th colspan="2">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65 Surcharge - late filing fee or oath</td> <td colspan="2"></td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25 Surcharge - late provisional filing fee or cover sheet</td> <td colspan="2"></td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130 Non-English specification</td> <td colspan="2"></td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520 For filing a request for examination</td> <td colspan="2"></td> </tr> <tr> <td>1804</td> <td>920</td> <td>1804</td> <td>920 Requesting publication of SIR prior to Examiner action</td> <td colspan="2"></td> </tr> <tr> <td>1805</td> <td>1,840</td> <td>1805</td> <td>1,840 Requesting publication of SIR after Examiner action</td> <td colspan="2"></td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55 Extension for response within first month</td> <td colspan="2"></td> </tr> <tr> <td>1252</td> <td>420</td> <td>2252</td> <td>210 Extension for response within second month</td> <td colspan="2"></td> </tr> <tr> <td>1253</td> <td>950</td> <td>2253</td> <td>475 Extension for response within third month</td> <td colspan="2"></td> </tr> <tr> <td>1254</td> <td>1,480</td> <td>2254</td> <td>740 Extension for response within fourth month</td> <td colspan="2"></td> </tr> <tr> <td>1255</td> <td>2010</td> <td>2255</td> <td>1005 Extension for response within fifth month</td> <td colspan="2"></td> </tr> <tr> <td>1401</td> <td>330</td> <td>2401</td> <td>165 Notice of Appeal</td> <td colspan="2"></td> </tr> <tr> <td>1402</td> <td>330</td> <td>2402</td> <td>165 Filing a brief in support of an appeal</td> <td colspan="2"></td> </tr> <tr> <td>1403</td> <td>290</td> <td>2403</td> <td>145 Request for oral hearing</td> <td colspan="2"></td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451</td> <td>1,510 Petition to institute a public use proceeding</td> <td colspan="2"></td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55 Petition to revive unavoidably abandoned application</td> <td colspan="2"></td> </tr> <tr> <td>1453</td> <td>1,330</td> <td>2453</td> <td>665 Petition to revive unintentionally abandoned application</td> <td colspan="2"></td> </tr> <tr> <td>1501</td> <td>1,330</td> <td>2501</td> <td>665 Utility issue fee (or reissue)</td> <td colspan="2"></td> </tr> <tr> <td>1502</td> <td>480</td> <td>2502</td> <td>240 Design issue fee</td> <td colspan="2"></td> </tr> <tr> <td>1503</td> <td>640</td> <td>2503</td> <td>320 Plant issue fee</td> <td colspan="2"></td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460</td> <td>130 Petitions to the Commissioner</td> <td colspan="2"></td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50 Processing fee under 37 CFR 1.17(q)</td> <td colspan="2"></td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806</td> <td>180 Submission of Information Disclos. Stmt.</td> <td colspan="2"></td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40 Recording each patent assignment per property (times number of properties)</td> <td colspan="2"></td> </tr> <tr> <td>1809</td> <td>770</td> <td>2809</td> <td>385 Filing a submission after final rejection (37 CFR 1.29(a))</td> <td colspan="2"></td> </tr> <tr> <td>1810</td> <td>770</td> <td>2810</td> <td>385 For each additional invention to be examined (37 CFR 1.129(b))</td> <td colspan="2"></td> </tr> <tr> <td>1801</td> <td>770</td> <td>2801</td> <td>385 Request for continued Examination (RCE)</td> <td colspan="2"></td> </tr> <tr> <td>1802</td> <td>900</td> <td>1802</td> <td>900 Request for expedited examination of a design application</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">SUBTOTAL (1) (\$ 688.00)</td> <td colspan="5">Other fee (specify)</td> </tr> <tr> <td colspan="2">SUBTOTAL (2) (\$ 688.00)</td> <td colspan="3">* Reduced by Basic Filing Fee Paid</td> <td colspan="2">SUBTOTAL (3)</td> </tr> <tr> <td colspan="7">SUBMITTED BY</td> </tr> <tr> <td>Name (Print/Type)</td> <td colspan="2">Michael E. Taken</td> <td>Registration No.</td> <td>28,120</td> <td>Telephone</td> <td>(414) 271-7590</td> </tr> <tr> <td>Signature</td> <td colspan="2"><i>Michael E. Taken</i></td> <td>Date</td> <td colspan="3">9/3/04</td> </tr> </tbody></table>					Large Entity	Small Entity					Fee Code	Fee Code	Fee Code	Fee Description	Fee Paid		1051	130	2051	65 Surcharge - late filing fee or oath			1052	50	2052	25 Surcharge - late provisional filing fee or cover sheet			1053	130	1053	130 Non-English specification			1812	2,520	1812	2,520 For filing a request for examination			1804	920	1804	920 Requesting publication of SIR prior to Examiner action			1805	1,840	1805	1,840 Requesting publication of SIR after Examiner action			1251	110	2251	55 Extension for response within first month			1252	420	2252	210 Extension for response within second month			1253	950	2253	475 Extension for response within third month			1254	1,480	2254	740 Extension for response within fourth month			1255	2010	2255	1005 Extension for response within fifth month			1401	330	2401	165 Notice of Appeal			1402	330	2402	165 Filing a brief in support of an appeal			1403	290	2403	145 Request for oral hearing			1451	1,510	1451	1,510 Petition to institute a public use proceeding			1452	110	2452	55 Petition to revive unavoidably abandoned application			1453	1,330	2453	665 Petition to revive unintentionally abandoned application			1501	1,330	2501	665 Utility issue fee (or reissue)			1502	480	2502	240 Design issue fee			1503	640	2503	320 Plant issue fee			1460	130	1460	130 Petitions to the Commissioner			1807	50	1807	50 Processing fee under 37 CFR 1.17(q)			1806	180	1806	180 Submission of Information Disclos. Stmt.			8021	40	8021	40 Recording each patent assignment per property (times number of properties)			1809	770	2809	385 Filing a submission after final rejection (37 CFR 1.29(a))			1810	770	2810	385 For each additional invention to be examined (37 CFR 1.129(b))			1801	770	2801	385 Request for continued Examination (RCE)			1802	900	1802	900 Request for expedited examination of a design application			SUBTOTAL (1) (\$ 688.00)		Other fee (specify)					SUBTOTAL (2) (\$ 688.00)		* Reduced by Basic Filing Fee Paid			SUBTOTAL (3)		SUBMITTED BY							Name (Print/Type)	Michael E. Taken		Registration No.	28,120	Telephone	(414) 271-7590	Signature	<i>Michael E. Taken</i>		Date	9/3/04		
Large Entity	Small Entity																																																																																																																																																																																																																												
Fee Code	Fee Code	Fee Code	Fee Description	Fee Paid																																																																																																																																																																																																																									
1051	130	2051	65 Surcharge - late filing fee or oath																																																																																																																																																																																																																										
1052	50	2052	25 Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																										
1053	130	1053	130 Non-English specification																																																																																																																																																																																																																										
1812	2,520	1812	2,520 For filing a request for examination																																																																																																																																																																																																																										
1804	920	1804	920 Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																										
1805	1,840	1805	1,840 Requesting publication of SIR after Examiner action																																																																																																																																																																																																																										
1251	110	2251	55 Extension for response within first month																																																																																																																																																																																																																										
1252	420	2252	210 Extension for response within second month																																																																																																																																																																																																																										
1253	950	2253	475 Extension for response within third month																																																																																																																																																																																																																										
1254	1,480	2254	740 Extension for response within fourth month																																																																																																																																																																																																																										
1255	2010	2255	1005 Extension for response within fifth month																																																																																																																																																																																																																										
1401	330	2401	165 Notice of Appeal																																																																																																																																																																																																																										
1402	330	2402	165 Filing a brief in support of an appeal																																																																																																																																																																																																																										
1403	290	2403	145 Request for oral hearing																																																																																																																																																																																																																										
1451	1,510	1451	1,510 Petition to institute a public use proceeding																																																																																																																																																																																																																										
1452	110	2452	55 Petition to revive unavoidably abandoned application																																																																																																																																																																																																																										
1453	1,330	2453	665 Petition to revive unintentionally abandoned application																																																																																																																																																																																																																										
1501	1,330	2501	665 Utility issue fee (or reissue)																																																																																																																																																																																																																										
1502	480	2502	240 Design issue fee																																																																																																																																																																																																																										
1503	640	2503	320 Plant issue fee																																																																																																																																																																																																																										
1460	130	1460	130 Petitions to the Commissioner																																																																																																																																																																																																																										
1807	50	1807	50 Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																																										
1806	180	1806	180 Submission of Information Disclos. Stmt.																																																																																																																																																																																																																										
8021	40	8021	40 Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																										
1809	770	2809	385 Filing a submission after final rejection (37 CFR 1.29(a))																																																																																																																																																																																																																										
1810	770	2810	385 For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																										
1801	770	2801	385 Request for continued Examination (RCE)																																																																																																																																																																																																																										
1802	900	1802	900 Request for expedited examination of a design application																																																																																																																																																																																																																										
SUBTOTAL (1) (\$ 688.00)		Other fee (specify)																																																																																																																																																																																																																											
SUBTOTAL (2) (\$ 688.00)		* Reduced by Basic Filing Fee Paid			SUBTOTAL (3)																																																																																																																																																																																																																								
SUBMITTED BY																																																																																																																																																																																																																													
Name (Print/Type)	Michael E. Taken		Registration No.	28,120	Telephone	(414) 271-7590																																																																																																																																																																																																																							
Signature	<i>Michael E. Taken</i>		Date	9/3/04																																																																																																																																																																																																																									



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 10/614,962 )  
Applicant : Vernon D. Karman et. al. )  
Filed : July 8, 2003 )  
Title : Surface Pasteurization )  
Method )  
  
TC/A.U. : 3721 )  
Examiner : Eugene Lee Kim )  
  
Docket No. : 4767-00016 )

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 3rd day of September, 2004.

*Jo Ann Kuczynski* 9-3-04  
*Jo Ann Kuczynski* Date

AMENDMENT

Commissioner of Patents  
Mail Stop - Amendment - Fee  
P.O. Box 1450  
Arlington, VA 22313-1450

Sir:

Responsive to the Office Action mailed July 1, 2004, please amend the above identified application as set forth on the following pages.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2. Claims 1-14, 16-20, 34, 38-46, 53, 55, 56, 58 stand cancelled. Claims 15, 21, 22, 25, 28, 29, 35, 37, 47, 49, 54, 57 have been amended. The Amendment leave claims 15, 21-33, 35-37, 47-52, 54, 57, 59-63 pending.

Remarks/Arguments begin on page 12 of this paper.

09/09/2004 MMEKONEN 00000066 10614962

01 FC:1201

688.00 OP